

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>Applicant:</b>	Jun TAKADA	<b>Examiner:</b>	Unassigned
<b>Serial No:</b>	To be assigned	<b>Art Unit:</b>	Unassigned
<b>Filed:</b>	Herewith	<b>Docket:</b>	20166
<b>For:</b>	2-DIMENSIONAL SIGNAL ENCODING/DECODING METHOD AND DEVICE	<b>Dated:</b>	August 22, 2006

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Japanese Patent Laid-Open No. 09-148938, dated June 6, 1997, together with English Language Abstract;
2. Japanese Patent Laid-Open No. 2000-316152, dated November 14, 2000, together with English Language Abstract;

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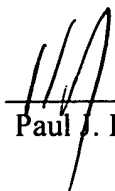
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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated: August 22, 2005

  
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Paul J. Esatto, Jr.


3. Japanese Patent Laid-Open No. 11-298897, dated October 29, 1999, together with English Language Abstract;
4. Japanese Patent Laid-Open No. 2003-504921, dated February 4, 2003, corresponding to International Patent Application WO 01/03070 A1, dated January 11, 2001;
5. Japanese Patent Laid-Open No. 2002-016808, dated January 18, 2002, together with English Language Abstract;
6. Japanese Patent Laid-Open No. 2003-274185, dated September 26, 2003, together with English Language Abstract;
7. Shuitsu MATSUMARA, et al., "Wavelet Image Coding Using Power Adaptive Vector Quantization", PCSJ95, 1995.10, pp.121-122;
8. Japanese Patent Laid-Open No. 2003-204439, dated July 18, 2003, together with English Language Abstract;
9. Japanese Patent Laid-Open No. 11-069164, dated March 9, 1999, together with English Language Abstract;
10. Japanese Patent Laid-Open No. 2003-274190, dated September 26, 2003, together with English Language Abstract;
11. Japanese Patent Laid-Open No. 11-317950, dated November 16, 1999, together with English Language Abstract;
12. Japanese Patent Laid-Open No. 2002-232721, dated August 16, 2002, together with English Language Abstract;
13. Japanese Patent Laid-Open No. 03-016490, dated January 24, 1991, together with English Language Abstract;
14. Japanese Patent Laid-Open No. 2000-316174, dated November 14, 2000, together with English Language Abstract;
15. Shuitsu MATSUMARA, et al., "Wavelet Image Coding Using Power Adaptive Vector Quantization", Transactions of the IEICE, Vol. 80-D-II, No.1, 1997.01, pp.139-147, together with English Abstract;
16. Japanese Patent Laid-Open No. 2001-352543, dated December 21, 2001, together with English Language Abstract;

17. Japanese Patent Laid-Open No. 2001-025018, dated January 26, 2001, together with English Language Abstract;
18. Japanese Patent Laid-Open No. 2000-004364, dated January 7, 2000, together with English Language Abstract;
19. Hideki TOSAKA et al., "Studies on High Definition Image Coding Using Wavelet Transform", Technical Report of IEICE, Vol. 96, No.187, DSP96-59, SST 96-41, CS96-59, 26 July, 1996, pp. 31-36; and
20. Hironobu OHIRA et al., "Discrete Wavelet Transform Entropy Coding Method for Images based on Gaussian Mixture Distribution Model", ITE Technical Report, Vol.22, No.71, 17 December 1998, pp.37-42.

The relevance of reference 1 has been described in both the specification and the International Search Report. The relevance of references 2 to 4 has been described in the specification. The relevance of references 5 to 20 has been described in the International Search Report. A copy of the International Search Report is enclosed. Copies of above-cited references are enclosed.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,

  
Paul J. Esatto, Jr.  
Registration No. 30,749

Scully, Scott, Murphy & Presser  
400 Garden City Plaza - Ste. 300  
Garden City, New York 11530  
(516) 742-4343

PJE:phs

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATA DOCKET NO. <b>18/590245</b> <b>IAP9 Rec. PCT/PTO 212 AUG 2006</b> APPLICATION NO. <b>29160</b> Class. <b>Unassigned</b>			
				APPLICANT(S) <b>Jun TAKADA</b>			
				FILING DATE <b>Herewith</b>		GROUP ART UNIT <b>Unassigned</b>	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
		09-148938	6/6/1997	Japan			✓
		2000-316152	11/14/2000	Japan			✓
		11-298897	10/29/1999	Japan			✓
		2003-504921	2/4/2003	Japan			
		WO 01/03070 A1	1/11/2001	PCT			✓
<b>OTHER DOCUMENTS    (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
		Shuitsu MATSUMARA, et al., "Wavelet Image Coding Using Power Adaptive Vector Quantization", PCSJ95, 1995.10, pp.121-122. Shuitsu MATSUMARA, et al., "Wavelet Image Coding Using Power Adaptive Vector Quantization", Transactions of the IEICE, Vol. 80-D-II, No.1, 1997.01, pp.139-147, together with English Abstract.					
		Hideki TOSAKA et al., "Studies on High Definition Image Coding Using Wavelet Transform", Technical Report of IEICE, Vol. 96, No.187, DSP96-59, SST 96-41, CS96-59, 26 July, 1996, pp. 31-36. Hironobu OHIRA et al., "Discrete Wavelet Transform Entropy Coding Method for Images based on Gaussian Mixture Distribution Model", ITE Technical Report, Vol.22, No.71, 17 December 1998, pp.37-42					
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. <b>10/590245</b>	APPLICATION NO. <b>Unassigned</b>
	<b>IPD9 REC'D PCT/PTO 22 AUG 2006</b> <b>Jun TAKADA</b>	
	FILING <b>Herewith</b>	GROUP ART <b>Unassigned</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2002-016808	1/18/2002	Japan			✓	
	2003-274185	9/26/2003	Japan			✓	
	2003-204439	7/18/2003	Japan			✓	
	11-069164	3/9/1999	Japan			✓	
	2003-274190	9/26/2003	Japan			✓	

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


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(Use several sheets if necessary)

ATTY DOCKET NO.

APPLICATION NO.

Jun TAKADA

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	11-317950	11/16/1999	Japan			✓	
	2002-232721	8/16/2002	Japan			✓	
	03-016490	1/24/1991	Japan			✓	
	2000-316174	11/14/2000	Japan			✓	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


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